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**Date:** 4/16/2018 12:11:37 PM

**Subject:** FYI: FY18 Funding Request for Contracts on Litigation Related Projects

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Hi All,

I just sent the attached "FY18 Funding Request for Contracts on Litigation Related Projects" to Eric—the one without comments only. FYI I also attached the one with comments.

You do not need to do anything. I have a call with Eric scheduled for Wed to discuss the estimates. I may need your assistance at that time or after the call if he asks me any questions that I cannot easily answer.

Jayne

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**Region 10 TMDL & WQS Work Cost Estimates FY18\***

<b>Project Name</b>	<b>Additional Information</b>	<b>FY17</b>	<b>FY18 (April 2018 through Dec 2018)</b>	<b>FY18 or FY19 (Jan 2019 through March 2019)</b>	<b>TOTAL (Requested for through Base Period Ending 3/31/2019)</b>	<b>FY19</b>	<b>TOTAL Spent and Requested</b>
<b>Columbia Temperature TMDL</b>	TMDL Modeling	\$80,000	\$70,000	\$40,000	\$110,000	0	\$190,000
<b>Klamath Temperature TMDL</b>	TMDL Modeling & TMDL Development (21 Stage 1 waters)	\$58,000	\$127,000	\$15,000	\$142,000	0	\$200,000
	Sensitivity Analysis	0	\$100,000		\$100,000	0	\$100,000
	Criteria Development	0		\$84,000	\$84,000	\$135,000	\$219,000
	TMDL Modeling & TMDL Development (3 Stage 2 waters)					\$212,000	\$212,000
<b>Willamette Mercury TMDL</b>		\$135,000	\$94,000	\$27,000	\$121,000	0	\$256,000
<b>Deschutes TMDL</b>	Areas of TMDLs disapproved only	0	\$137,000	\$100,000	\$237,000	0	\$237,000
<b>Alaska TMDLs</b>	2 TMDLs/annually	\$97,000	\$40,000	\$4,000	\$44,000	\$70,000	\$211,000
<b>First of Ten Additional OR temperature TMDLs**</b>	TMDL Modeling	0				\$150,000	\$150,000
	Sensitivity analysis	0				\$80,000	\$80,000
	Criteria Development	0				\$400,000	\$400,000

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<b>Rest of Ten OR temperature TMDLs**</b>	TMDL Modeling (9 x \$150k)	0				\$1,350,000	\$1,350,000
	Sensitivity Analysis (4 x \$80k)	0				\$320,000	\$320,000
	Criteria Development (1 x \$400k)	0				\$400,000	\$400,000
<b>TOTALS</b>		<b>\$370,000</b>	<b>\$568,000</b>	<b>\$270,000</b>	<b>\$838,000</b>	<b>3,117,000</b>	<b>4,325,000</b>

\*Rounded to the nearest thousand

*\*\*Caveat: Allocation of cost between TMDL work and Criteria Development work is our best guess, but can be refined if needed but will take more time to provide. R10 believes the total amount is reasonably accurate. Also the program costs depend on the approach taken with the criteria development, and watershed-specific conditions. This is an estimate for EPA to fund all of the work, without state resources. The first strategy for criteria development, for instance, would be to seek for OR to do the work with its resources.*

## Region 10 TMDL &amp; WQS Work Cost Estimates FY18\*

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Commented [KA2]: Task 1-5, 7, and 8

Commented [KA3]: Task 9

Commented [KA1]: This goes through Task 9 in the current TD (minus task 6, which is on the next line) and includes work for Lost River (that is not currently included in the TD)

Commented [KA4]: Task 6; assumes 1-3 model runs plus memo documentation for Jenny, Miller, and Klamath

Commented [KA5]: Assuming Task 15 and a limited amount of Task 16 (from overall work plan, not TD) in early 2019

Commented [KA6]: Remainder of work plan Task 16 support; exact support is uncertain

Commented [KA7]: To complete TMDL report (and associated modeling scenarios) for remaining 3 waters; this assumes several modeling scenarios to define the TMDL

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